

## OPINION 1747

*Eristalis* Latreille, 1804, *Helophilus* Fabricius, 1805, *Xylota* Meigen, 1822 and *Eumerus* Meigen, 1822 (Insecta; Diptera): conserved

### Ruling

(1) Under the plenary powers:

(a) the following generic names are hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy:

- (i) *Elophilus* Meigen, 1803;
- (ii) *Eumeros* Meigen, 1803;
- (iii) *Heliophilus* Meigen, 1803;

(b) the generic name *Eumerus* Meigen, 1804, and all uses of the name *Eumerus* prior to the publication of *Eumerus* Meigen, 1822, are hereby suppressed for the purposes of both the Principle of Priority and the Principle of Homonymy;

(c) all fixations of type species for the nominal genus *Helophilus* Fabricius, 1805 prior to the designation by Curtis (1832) of *Musca pendula* Linnaeus, 1758 are hereby set aside.

(2) The following names are hereby placed on the Official List of Generic Names in Zoology:

(a) *Eristalis* Latreille, 1804 (gender: masculine), type species by subsequent designation by Curtis (1832) *Musca tenax* Linnaeus, 1758;

(b) *Helophilus* Fabricius, 1805 (gender: neuter), type species by subsequent designation by Curtis (1832) *Musca pendula* Linnaeus, 1758, as ruled in (1)(c) above;

(c) *Xylota* Meigen, 1822 (gender: feminine), type species by monotypy of the replaced nominal genus *Heliophilus* Meigen, 1803, *Musca sylvarum* Linnaeus, 1758;

(d) *Eumerus* Meigen, 1822 (gender: masculine), type species by subsequent designation by Curtis (1839) *Syrphus tricolor* Fabricius, 1798.

(3) The following names are hereby placed on the Official List of Specific Names in Zoology:

(a) *tenax* Linnaeus, 1758, as published in the binomen *Musca tenax* (specific name of the type species of *Eristalis* Latreille, 1804);

(b) *pendula* Linnaeus, 1758, as published in the binomen *Musca pendula* (specific name of the type species of *Helophilus* Fabricius, 1805);

(c) *sylvarum* Linnaeus, 1758, as published in the binomen *Musca sylvarum* (specific name of the type species of *Xylota* Meigen, 1822);

(d) *tricolor* Fabricius, 1798, as published in the binomen *Syrphus tricolor* (specific name of the type species of *Eumerus* Meigen, 1822).

(4) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:

(a) *Elophilus* Meigen, 1803, as suppressed in (1)(a)(i) above;

(b) *Eumeros* Meigen, 1803, as suppressed in (1)(a)(ii) above;

(c) *Heliophilus* Meigen, 1803, as suppressed in (1)(a)(iii) above;

(d) *Eumerus* Meigen, 1804, as suppressed in (1)(b) above.

### History of Case 2749

An application for the conservation of *Eristalis* Latreille, 1804, *Helophilus* Fabricius, 1805, *Xylota* Meigen, 1822 and *Eumerus* Meigen, 1822 was received from Dr Tadeusz Zatwarnicki (*Agricultural University, Wroclaw, Poland*) on 15 November 1989. After correspondence the case was published in BZN 48: 308–311 (December 1991). Notice of the case was sent to appropriate journals.

It was noted on the voting paper that the application had the support of Dr Hans Silfverberg (*Universitetets Zoologiska Museum, Helsingfors, Finland*), and that more than 40 of the additional references held by the Commission Secretariat demonstrating usage of the four generic names (para. 6 of the application) were published in the last 50 years.

### Decision of the Commission

On 1 March 1993 the members of the Commission were invited to vote on the proposals published in BZN 48: 310. At the close of the voting period on 1 June 1993 the votes were as follows:

Affirmative votes — 24: Bayer, Bock, Bouchet, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Heppell, Kabata, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Minelli, Nielsen, Nye, Savage, Schuster, Štys, Trjapitzin, Willink

Negative votes — 2: Holthuis and Thompson.

No votes were received from Starobogatov and Uéno.

Ride was on leave of absence.

Holthuis commented that in his view *Helophilus* was not available from Fabricius (1805). The latter had adopted the spelling without explaining the change from *Elophilus* Meigen, 1803 and the change was therefore not a 'demonstrably intentional' emendation (Article 33b(i) of the Code). (*Editorial note*. The name *Helophilus* was cited by Fabricius (1805) in the synonymy of six species of *Eristalis* Latreille, 1804 and in para. 3 of the application it was taken as available from Fabricius under Article 11e). Thompson preferred to adopt *Helophilus* from Meigen (1822).

### Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

*Elophilus* Meigen, 1803, *Magazin für Insektenkunde* (Illiger), 2: 274.

*Eristalis* Latreille, 1804, in: *Nouveau Dictionnaire d'histoire naturelle* ..., Ed. 1, vol. 24, p. 194.

*Eumeros* Meigen, 1803, *Magazin für Insektenkunde* (Illiger), 2: 273.

*Eumerus* Meigen, 1804, *Klassifikation und Beschreibung der europäischen zweiflügeligen Insekten* (*Diptera* Linn.), vol. 1, part 1, p. xx.

*Eumerus* Meigen, 1822, *Systematische Beschreibung der bekannten europäischen zweiflügeligen Insekten*, vol. 3, p. 202.

*Helophilus* Meigen, 1803, *Magazin für Insektenkunde* (Illiger), 2: 273.

*Helophilus* Fabricius, 1805, *Systema Antliatorum* ... , p. 233.

*pendula*, *Musca*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 591.

*sylvarum*, *Musca*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 592.

*tenax*, *Musca*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 591.

*tricolor*, *Syrphus*, Fabricius, 1798, *Supplementum entomologiae systematicae*, p. 563.

*Xylota* Meigen, 1822, *Systematische Beschreibung der bekannten europäischen zweiflügeligen Insekten*, vol. 3, p. 211.

The following is the reference for the designation of *Musca pendula* Linnaeus, 1758 as the type species of the nominal genus *Helophilus* Fabricius, 1805, and for the designation of *Musca*

*tenax* Linnaeus, 1758 as the type species of the nominal genus *Eristalis* Latreille, 1804:

Curtis, J. 1832. *British entomology; being illustrations and descriptions of the genera of insects found in Great Britain and Ireland ...*, vol. 9, pl. 429 (text), pl. 432 (text) (respectively).

The following is the reference for the designation of *Syrphus tricolor* Fabricius, 1798 as the type species of the nominal genus *Eumerus* Meigen, 1822:

Curtis, J. 1839. *British entomology; being illustrations and descriptions of the genera of insects found in Great Britain and Ireland ...*, vol. 16, pl. 749 (text).